PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220	
MBHB00-878-J	ACTION	as well	as, where applicable, item 5 below.	
International application No.	International filing date (day/month	/year)	(Earliest) Priority Date (day/month/year)	
PCT/US2004/026930	20/08/2004		23/10/2003	
Applicant				
SIRNA THERAPEUTICS, INC.				
This International Search Report has been according to Article 18. A copy is being tra	· · · · · · · · · · · · · · · · · · ·	_	ority and is transmitted to the applicant	
This International Search Report consists	of a total of she	ets.		
X It is also accompanied by	a copy of each prior art document cit	ted in this	report.	
Basis of the report				
	international search was carried out e ess otherwise indicated under this ite		sis of the international application in the	
The international this Authority (Ru		of a transla	ation of the international application furnished	d to
b. X With regard to any nucleo	otide and/or amino acid sequence	disclosed	in the international application, see Box No.	1.
2. Certain claims were fou	nd unsearchable (See Box II).			
3. X Unity of invention is lac	kina (see Box III).			0
				S
4. With regard to the title ,				
X the text is approved as su	•			8
the text has been establis	hed by this Authority to read as follow	vs:		
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5. With regard to the abstract,				
X the text is approved as su	bmitted by the applicant.			
			y as it appears in Box No. IV. The applicant	
may, within one month fro	m the date of mailing of this internati	onai searc	ch report, submit comments to this Authority.	
6. With regard to the drawings ,				
a. the figure of the drawings to be p	ublished with the abstract is Figure N	lo		
as suggested by t				
	Authority, because the applicant fa	_	-	
	s Authority, because this figure bette	r characte	rizes the invention.	
b. X none of the figures is to be	e published with the abstract.			

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2004/026930

Box	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)
1.	With inven	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed tion, the international search was carried out on the basis of:
	a.	type of material
		X a sequence listing
		table(s) related to the sequence listing
	b.	format of material
		in written format
		X in computer readable form
		time of filing/furnishing
	C.	contained in the international application as filed
		filed together with the international application in computer readable form
		X furnished subsequently to this Authority for the purpose of search
2.		In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
0	ند: اسام	
3.	Addill	onal comments:
	•	

INTERNATIONAL SEARCH REPORT

International Ap	plication No
International App	4/026930

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/11 C12P19/34 A61K31/713 CO7H21/O2 CO7H21/O4 A61P31/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, EMBASE, BIOSIS

ENTS CONSIDERED TO BE RELEVANT	
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
WO 02/081628 A (RIBOZYME PHARMACEUTICALS, INCORPORATED; BLATT, LAWRENCE; CHOWRIRA, BHA) 17 October 2002 (2002-10-17) page 9, lines 3-22 page 20, line 34 - page 21, line 8	1-32,34
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WO 03/070918 A (RIBOZYME PHARMACEUTICALS, INCORPORATED; MCSWIGGEN, JAMES; BEIGELMAN, L) 28 August 2003 (2003-08-28) page 126, lines 2,3	1-32,34
	WO 02/081628 A (RIBOZYME PHARMACEUTICALS, INCORPORATED; BLATT, LAWRENCE; CHOWRIRA, BHA) 17 October 2002 (2002-10-17) page 9, lines 3-22 page 20, line 34 - page 21, line 8 WO 03/074654 A (SIRNA THERAPEUTICS, INC; MCSWIGGEN, JAMES; BEIGELMAN, LEONID; CHOWRIRA) 12 September 2003 (2003-09-12) page 136, lines 25,26 WO 03/070918 A (RIBOZYME PHARMACEUTICALS, INCORPORATED; MCSWIGGEN, JAMES; BEIGELMAN, L) 28 August 2003 (2003-08-28)

Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
 Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed 	 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search 31 May 2005	Date of mailing of the international search report 2 8. 09. 05
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Barnas, C



International application No. PCT/US2004/026930

Box II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This Inter	national Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
t	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III(Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Inter	national Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1 #	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is estricted to the invention first mentioned in the claims; it is covered by claims Nos.: $1-32$, 34
Remark o	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-32, 34

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference as described in claim 1.

2. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 1-33, 100-132.

3. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 34-66, 133-165.

4. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 67-99, 166-198.

5. claims: 33, 35

A double stranded short interfering nucleic acid (siNA) molecule that directs cleavage of a NOGO receptor RNA via RNA interference wherein said siNA comprises any of SEQ ID NOs: 199-320.

INTERNATIONAL SEARCH REPORT

i. mation on patent family members

PCT/US2004/026930

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
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